

GRANITE-LIKE SYNTHETIC RESIN SHEET AND PRODUCTION THEREOF

Patent Number: JP2202445
Publication date: 1990-08-10
Inventor(s): TSUCHIDE TOKUTARO; others: 05
Applicant(s): KYOWA GAS CHEM IND CO LTD
Requested Patent: ☐ JP2202445
Application Number: JP19890021909 19890131
Priority Number(s):
IPC Classification: B32B27/20
EC Classification:
Equivalents: JP2731569B2

Abstract

PURPOSE: To produce a granite-like synthetic resin sheet which is excellent in workability and beautiful by constituting this sheet of both a thermoplastic resin layer A contg. metallic foil powder and white inorganic pigment and a thermoplastic resin layer B free from metallic foil powder and coating single side or both sides of the resin layer A with the resin layer B.

CONSTITUTION: Molten resin contg. metallic foil powder and white inorganic pigment is joined to molten resin free from metallic foil powder. At least one surface of the surface and the rear of the resin sheet is coated by the resin free from metallic foil powder. As material of metallic foil powder utilized for the resin layer A, aluminum, copper and copper alloy such as brass are cited. As foil powder, thickness of the foil is regulated to 1-50µm preferably 6-12µm and the size of one side is regulated to 0.03-1mm preferably 0.05-0.8mm. As white inorganic pigment utilized for the resin layer A, for example, titanium oxide, calcium carbonate and muscovite, etc., are cited which are ordinarily utilized as bone white pigment and milky color pigment. As thermoplastic resin utilized for the resin layers A and B, the same kind of resin is preferably utilized from the viewpoint of adhesive property and the generation of warpage.

Data supplied from the esp@cenet database - I2